



Philips
widescreen flat TV

42"

LCD HD Ready

42PF5421



Turn up your viewing experience

with Digital Crystal Clear

Experience the superior picture quality of this excellent Flat TV with the latest LCD technology. It's packed into a stunning design that will complement your interior.

Vivid, natural and razor sharp images

- HD LCD WXGA display, with a 1366 x 768p resolution
- HD ready for the highest quality display of HDTV signals
- Digital Crystal Clear provides vivid cinema-like images
- Progressive Scan component video for optimized image quality
- Active Control with Light Sensor optimises picture quality

Superb sound reproduction

- Virtual Dolby Surround for a cinema-like audio experience

Slim, stylish design to complement your interior

- Matching stand with elegant design included

For advanced performance

- HDMI input for full digital HD connection in one cable

PHILIPS
sense and simplicity

Specifications

Picture/Display

- Aspect ratio: 16:9
- Brightness: 550 cd/m²
- Contrast ratio (typical): 800:1
- Response time (typical): 8 ms
- Viewing angle: 176° (H) / 176° (V)
- Diagonal screen size: 42 inch / 107 cm
- Display screen type: LCD WXGA Active Matrix TFT
- Panel resolution: 1366 x 768p
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control, Contrast Plus, Digital Crystal Clear, Digital Noise Reduction, Dynamic contrast, Jagged Line Suppression, Progressive Scan
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution

- Computer formats
 - Resolution Refresh rate
 - 640 x 480 60, 67, 72, 75Hz
 - 800 x 600 56, 60, 72, 75Hz
 - 1024 x 768 60, 70, 75Hz
 - 1024 x 768 60Hz
- Video Formats
 - Resolution Refresh rate
 - 640 x 480i 1Fh
 - 640 x 480p 2Fh
 - 720 x 576i 1Fh
 - 720 x 576p 2Fh
 - 1280 x 720p 3Fh
 - 1920 x 1080i 2Fh

Sound

- Equalizer: 5-bands
- Output power (RMS): 2 x 15W
- Sound Enhancement: Dynamic Bass Enhancement
- Sound System: Virtual Dolby Surround

Loudspeakers

- Built-in speakers: 2

Convenience

- Clock: Sleep Timer
- Ease of Installation: Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, Plug & Play, Program Name, Sorting
- Ease of Use: Auto Volume Leveller (AVL),

- Program List, Side Control, Smart Picture Control, Smart Sound Control
- Picture in Picture: Picture in graphics
- Remote Control: TV, DVD, Multi-functional
- Remote control type: RCFE06FRS00 RC 1683701
- Screen Format Adjustments: 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Teletext: 500 page Smart Text
- Teletext enhancements: Program information Line
- VESA Mount: Vesa compliant

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL, SECAM
- Video Playback: NTSC, SECAM, PAL
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- Number of Preset Channels: 100
- Tuner Display: PLL

Connectivity

- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Ext 2 Scart: Audio L/R, CVBS in/out, S-video in
- Ext 3: YPbPr
- Ext 4: HDMI
- Ext 5: HDMI
- Front / Side connections: Audio L/R in, CVBS in, Headphone out, S-video in

Power

- Ambient temperature: 5 °C to 40 °C
- Mains power: AC 220 - 240 V +/- 10%
- Power consumption: 246 W
- Standby power consumption: 0.82 W

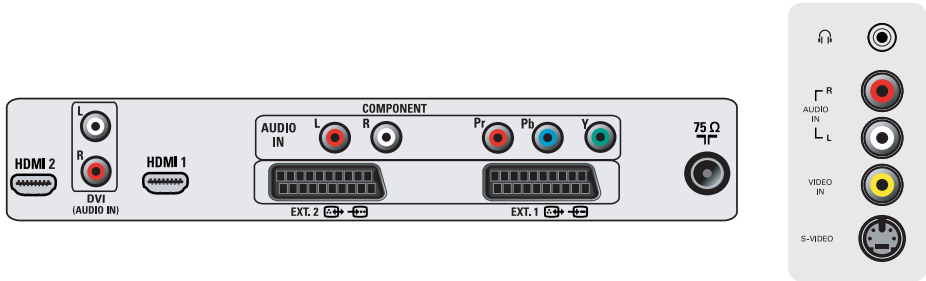
Dimensions

- Set dimensions (W x H x D): 1237 x 688 x 110 mm
- Set dimensions with stand (H x D): 734 x 280 mm
- Weight incl. Packaging: 39 kg
- Product weight: 31.5 kg
- Colour cabinet: High Gloss Black and Black
- VESA wall mount compatible: 800,400 mm

Accessories

- Included Accessories: Table top stand, RF antenna cable, Power cord, Quick start guide, User Manual, Registration card, Warranty certificate, Remote Control
- Optional accessories: Floor stand

Stereo system					Transmission system					
2CS DK	NICAM DK	2CS BG	NICAM I	NICAM LL'	PAL BG	PAL DK	PAL I	SECAM BG	SECAM DK	SECAM LL'
•	•	•	•	•	•	•	•	•	•	•





Product highlights

LCD WXGA display, 1366 x 768p

This WXGA display with state-of-the-art LCD screen technology gives you widescreen HD resolution of 1366 x 768p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colours. This vibrant and sharp image will provide you with an enhanced viewing experience.

HD Ready

Enjoy the exceptional picture quality of a true High Definition TV signal and be fully prepared for HD sources like HDTV broadcast, Blu-ray DVD or HD-DVD. HD ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer a HD screen that displays the benefits of resolution and picture quality of a High Definition TV signal. It has a universal connection for both analogue YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p and 1080i signals at 50 and 60Hz.

Digital Crystal Clear

Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimizes picture quality to optimal contrast, colour and sharpness levels. It's like watching vivid cinema-like images.

Progressive Scan

Progressive Scan doubles the vertical resolution of the image resulting in a noticeably sharper picture. Instead of sending a field comprising the odd lines to the screen first, followed by the field with the even lines, both fields are written at one time. A full image is created instantaneously, using the maximum resolution. At such a speed, your eye perceives a sharper picture with no line structure.

Active Control + Light Sensor

Active Control is a unique and intelligent way of optimizing picture quality by measuring and analysing the incoming signal to automatically adjust picture quality settings. Active Control with Light Sensor uses a sensor to adjust the picture brightness depending on the room light conditions.

Virtual Dolby Surround

Virtual Dolby Surround is a processing technology for enhancing surround sound effects. It will create the sensation of Dolby Pro Logic without the necessity of additional rear speakers. You become totally immersed in your television experience.

Bypacked tabletop stand

A table-top stand with matching design is packed with the set.

HDMI input

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analogue signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection.



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